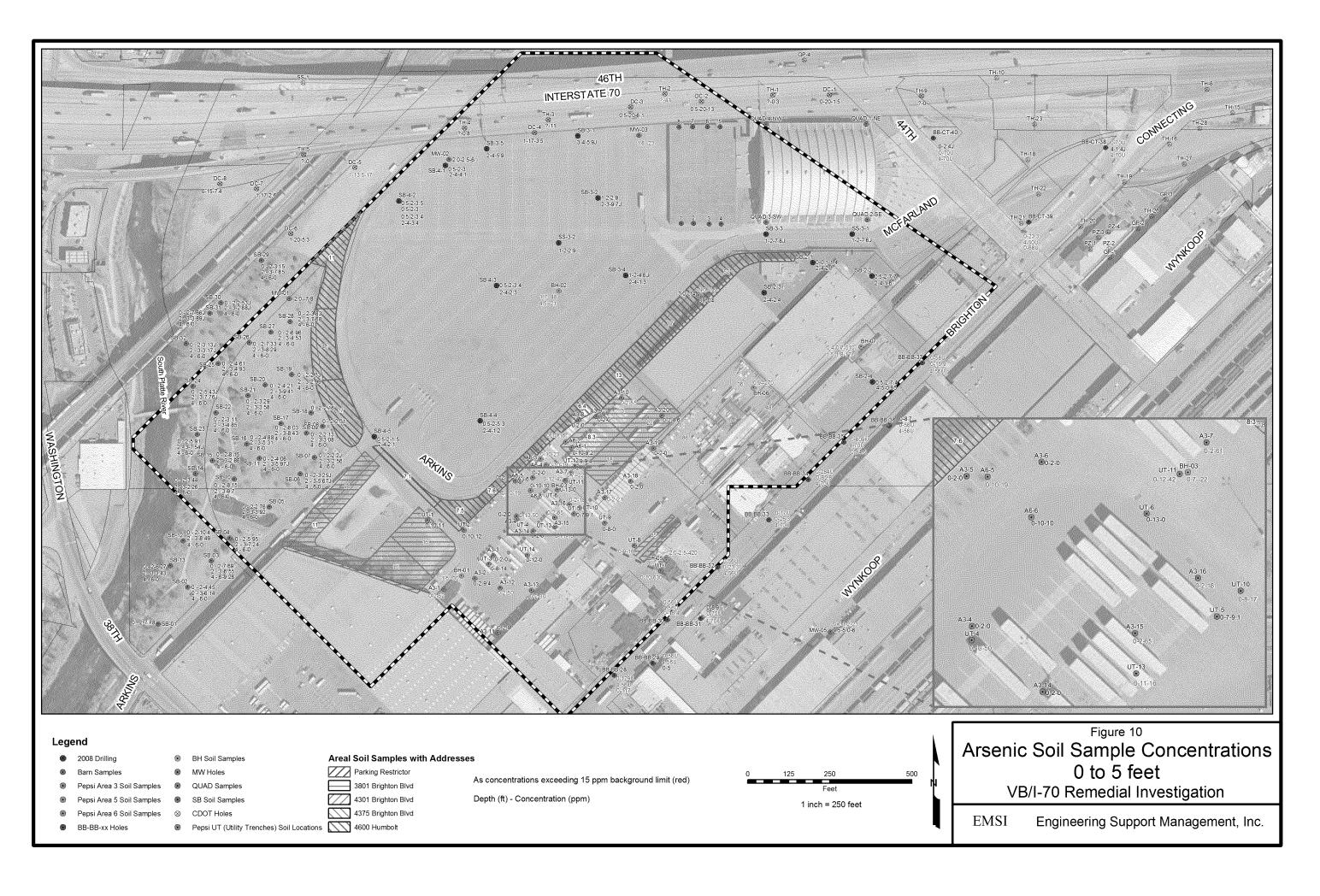
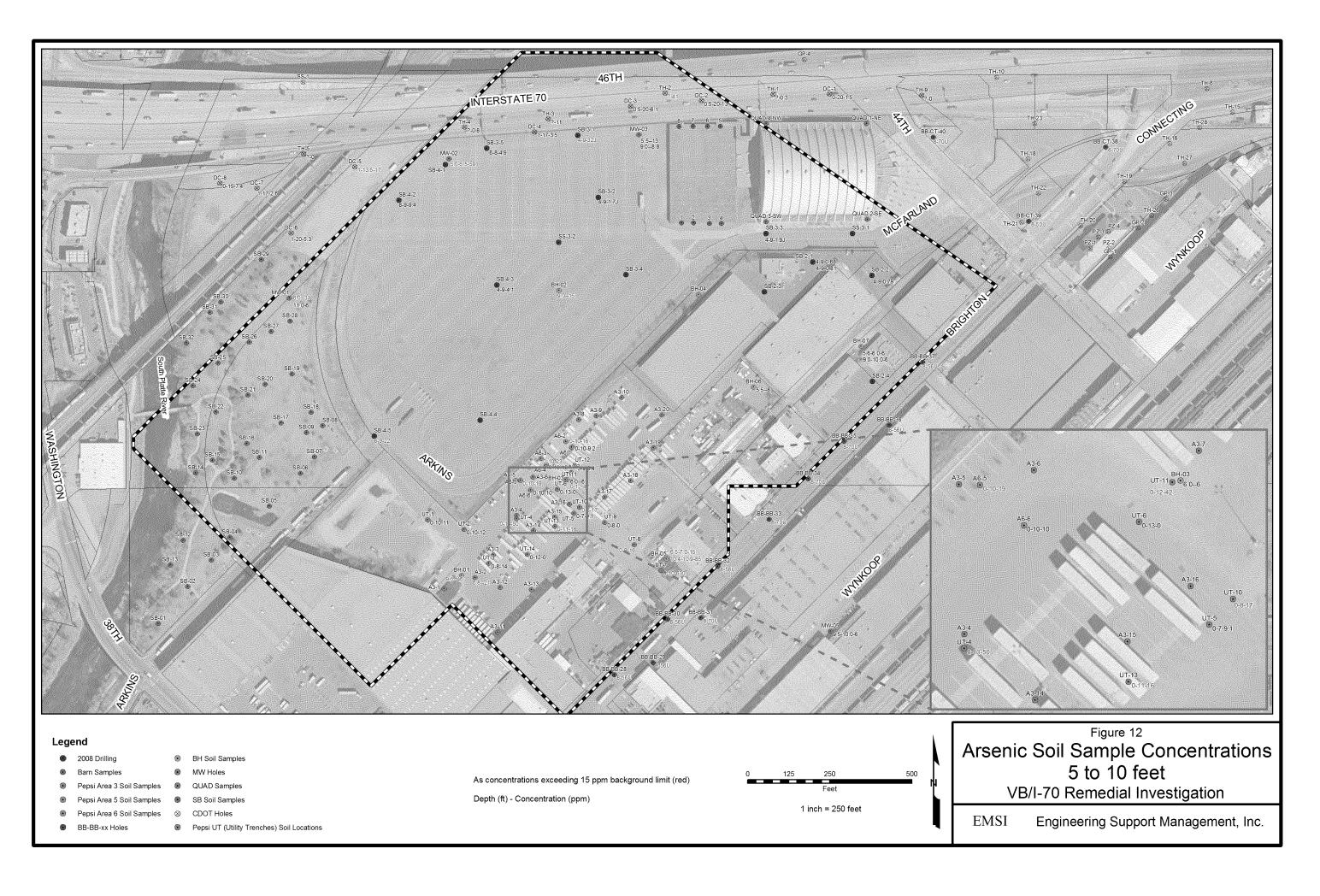
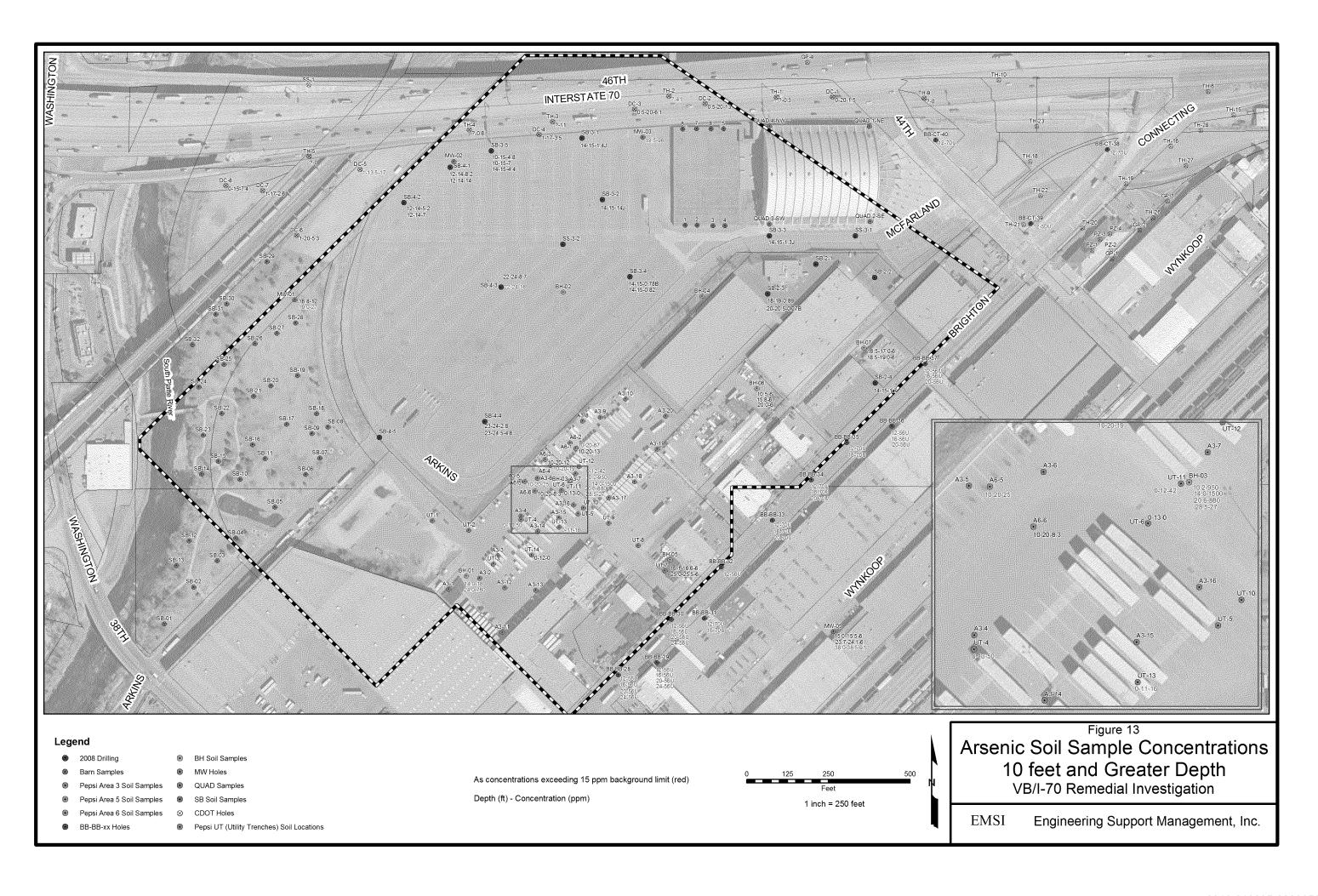
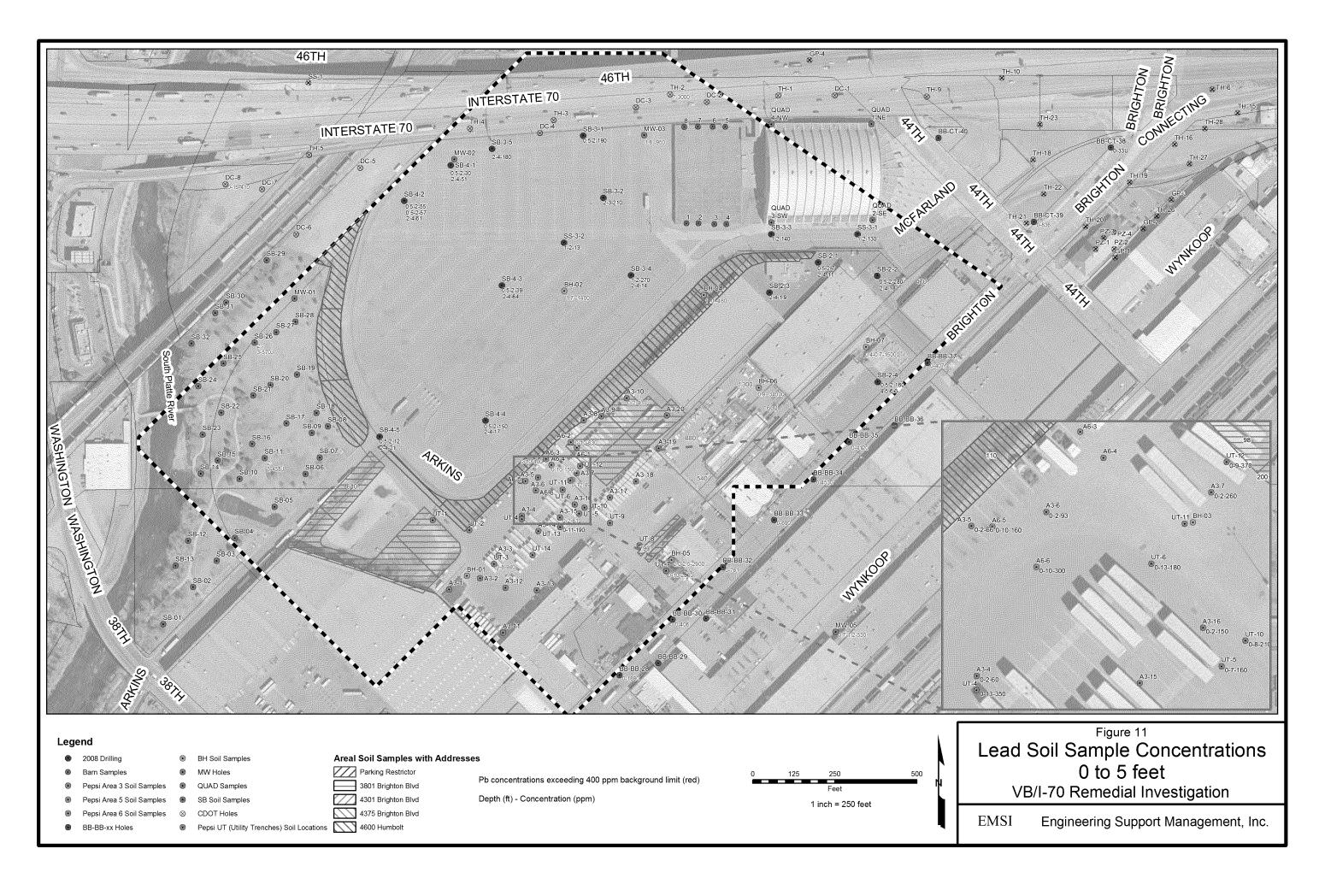
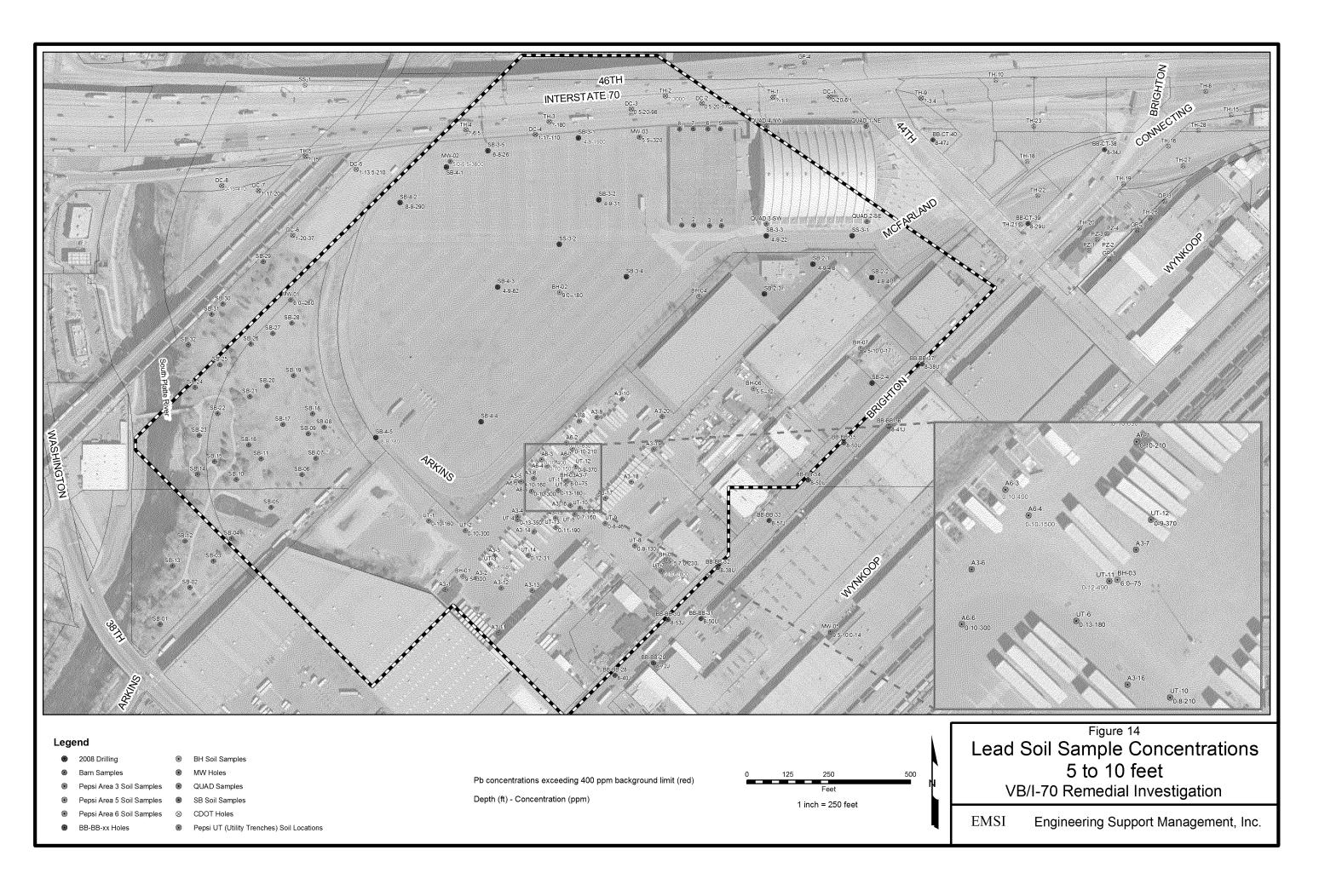
WASTE MATERIAL

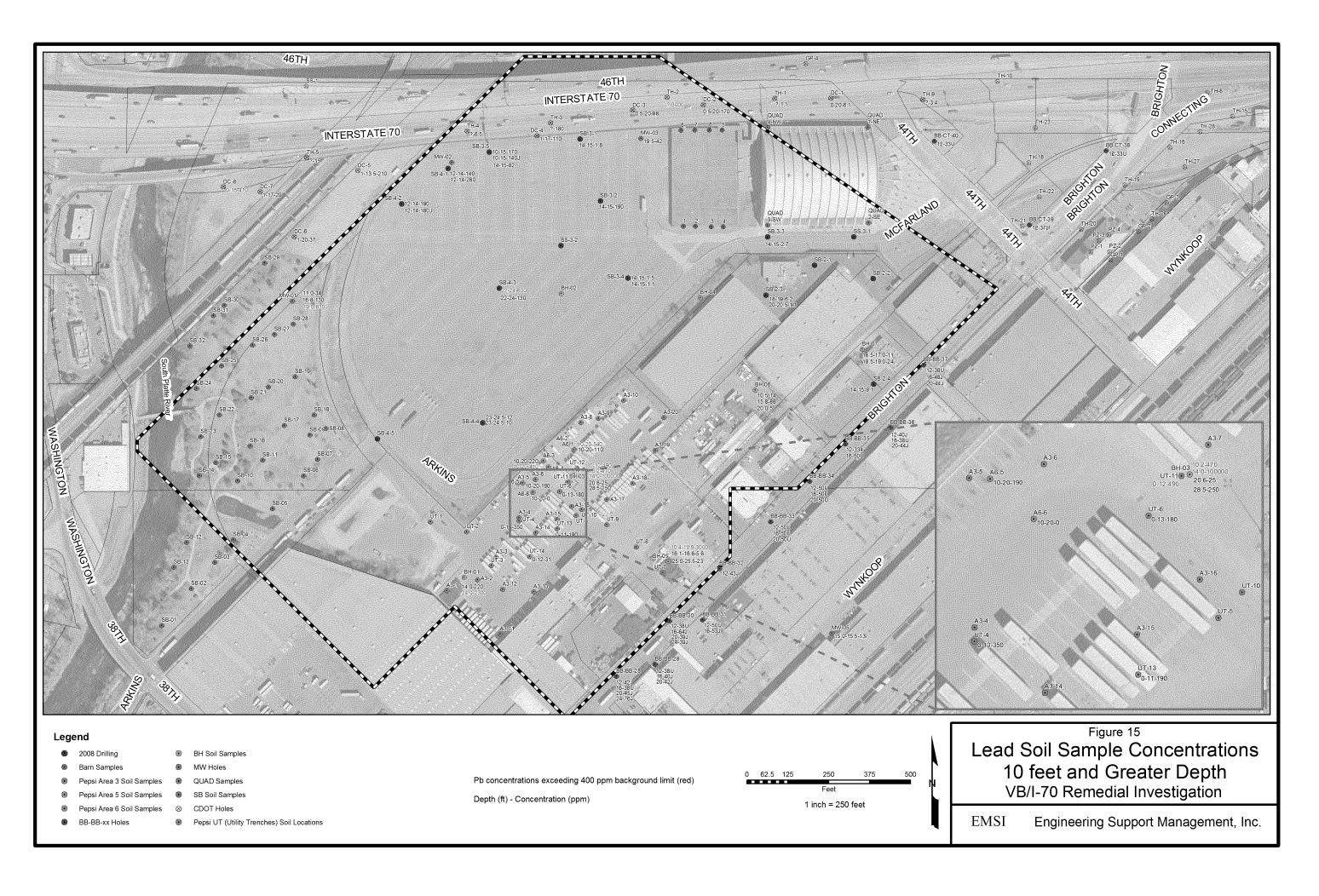


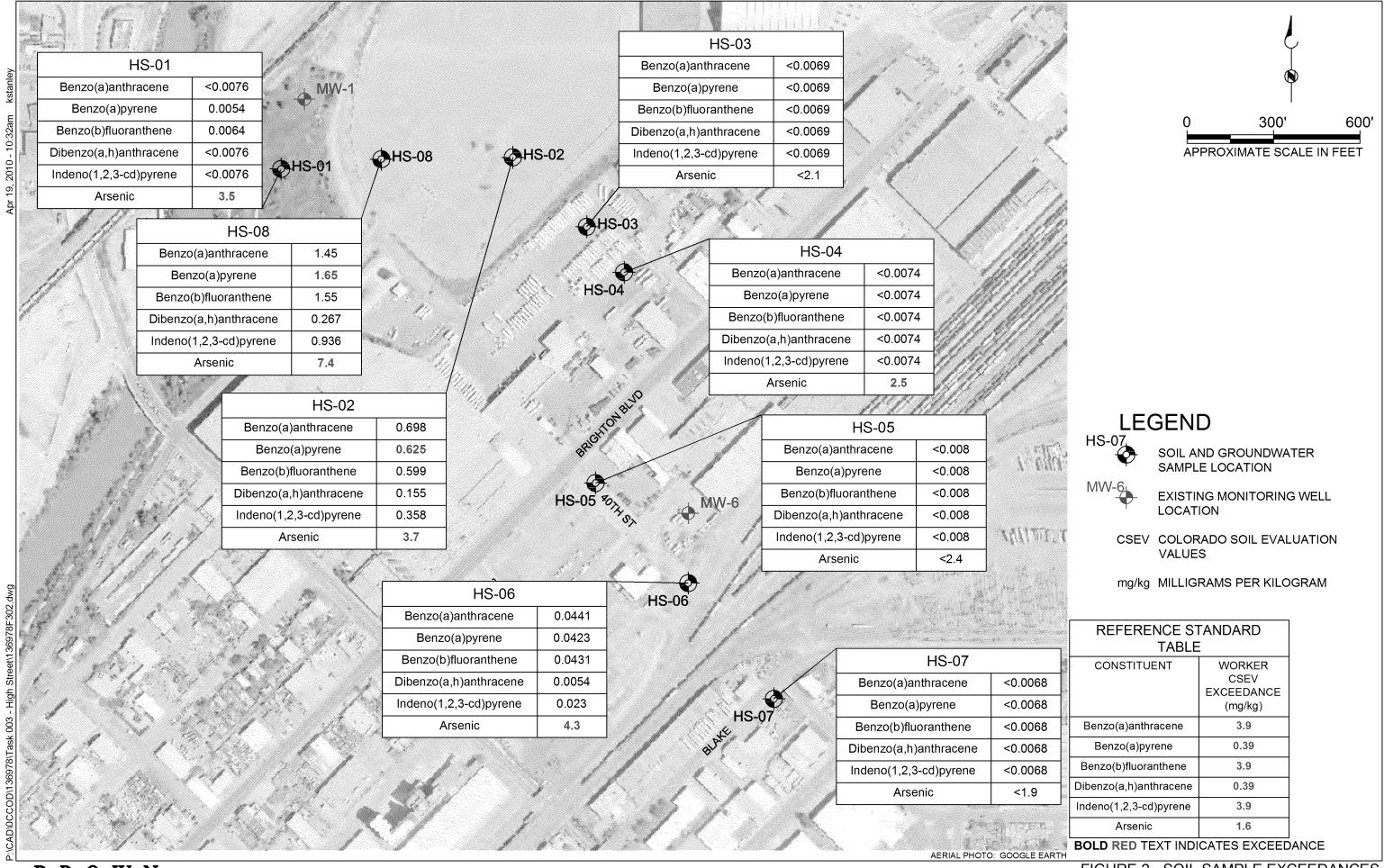










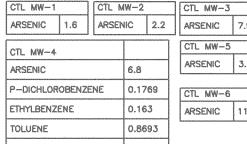


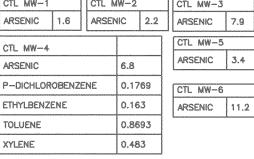
B R O W N AND C A L D W E L L

FIGURE 2 - SOIL SAMPLE EXCEEDANCES CITY AND COUNTY OF DENVER HIGH STREET STORM DRAINAGE PROJECT



WH PACIFIC 40TH STREET OUTFALL Project No. DN44,666-205





HS-01	
BENZO(A)ANTHRACENE	<0.0076
BENZO(A)PYRENE	0.0054
BENZO(B)FLUROANTHENE	0.0064
DIBENZO(A,H)ANTHRACENE	<0.0076
INDENO(1,2,3-CD)PYRENE	<0.0076
ARSENIC	3.5

	BENZO(A)ANTHRACENE	0.698
- P	BENZO(A)PYRENE	0.625
	BENZO(B)FLUROANTHENE	0.599
	DIBENZO(A,H)ANTHRACENE	0.155
	INDENO(1,2,3-CD)PYRENE	0.358
	ARSENIC	3.7
		bestonnessennessen
pocoucococo	HS-05	

HS-02

HS-03	
BENZO(A)ANTHRACENE	<0.0069
BENZO(A)PYRENE	<0.0069
BENZO(B)FLUROANTHENE	<0.0069
DIBENZO(A,H)ANTHRACENE	<0.0069
INDENO(1,2,3-CD)PYRENE	<0.0069
ARSENIC	<2.1

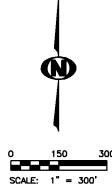
HS-04	
BENZO(A)ANTHRACENE	<0.0074
BENZO(A)PYRENE	<0.0074
BENZO(B)FLUROANTHENE	<0.0074
DIBENZO(A,H)ANTHRACENE	<0.0074
INDENO(1,2,3-CD)PYRENE	<0.0074
ARSENIC	2.5

HS-05	
BENZO(A)ANTHRACENE	<0.008
BENZO(A)PYRENE	<0.008
BENZO(B)FLUROANTHENE	<0.008
DIBENZO(A,H)ANTHRACENE	<0.008
INDENO(1,2,3-CD)PYRENE	<0.008
ARSENIC	<2.4

HS-06	
BENZO(A)ANTHRACENE	0.0441
BENZO(A)PYRENE	0.0423
BENZO(B)FLUROANTHENE	0.0431
DIBENZO(A,H)ANTHRACENE	0.0054
INDENO(1,2,3—CD)PYRENE	0.023
ARSENIC	4.3
LEAD	102
TCLP LEAD	<0.05

HS-07	
BENZO(A)ANTHRACENE	<0.0068
BENZO(A)PYRENE	<0.0068
BENZO(B)FLUROANTHENE	<0.0068
DIBENZO(A,H)ANTHRACENE	<0.0068
INDENO(1,2,3-CD)PYRENE	<0.0068
ARSENIC	<1.9

HS-08	-
BENZO(A)ANTHRACENE	1.45
BENZO(A)PYRENE	1.65
BENZO(B)FLUROANTHENE	1.55
DIBENZO(A,H)ANTHRACENE	0.267
INDENO(1,2,3-CD)PYRENE	0.936
ARSENIC	7.4
LEAD	176
TCLP LEAD	0.94



LEGEND:

HS-01 SOIL AND GROUNDWATER
O SAMPLE LOCATION
INSTALLED BY BROWN AND
CALDWELL 2010

MW-1 SOIL AND GROUNDWATER SAMPLE LOCATION INSTALLED AS PART OF VB/I-70 OU2 **ASSESSMENTS**

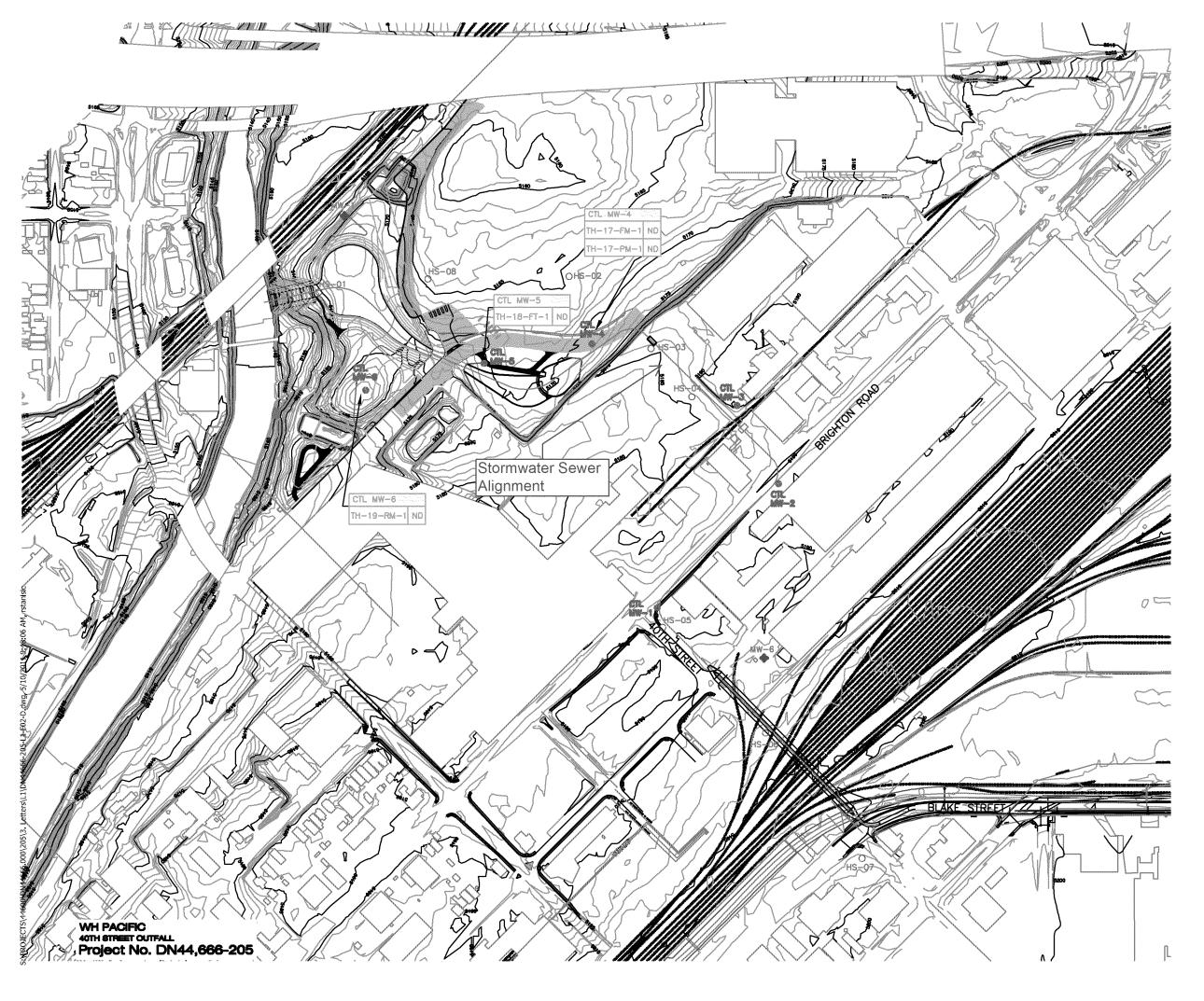
MW-1 CTL MONITORING WELL

LOCATION

5170 EXISTING GROUND SURFACE ELEVATION (FEET) NOTES: RESULTS PRESENTED IN mg/kg MILLIGRAMS/KILOGRAM

> TCLP LEAD RESULTS PRESENTED IN mg/L MILLIGRAMS/LITER

> > **Summary of Soil Sample Results** Flg. 3





LEGEND:

O SAMPLE LOCATION
INSTALLED BY BROWN AND
CALDWELL 2010

MW−1 SOIL AND GROUNDWATER

SAMPLE LOCATION INSTALLED

AS PART OF VB/I−70 OU2

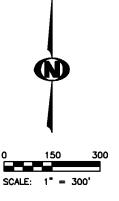
ASSESSMENTS

MW-1 CTL MONITORING WELL LOCATION

5170 EXISTING GROUND SURFACE ELEVATION (FEET)

NOTES:

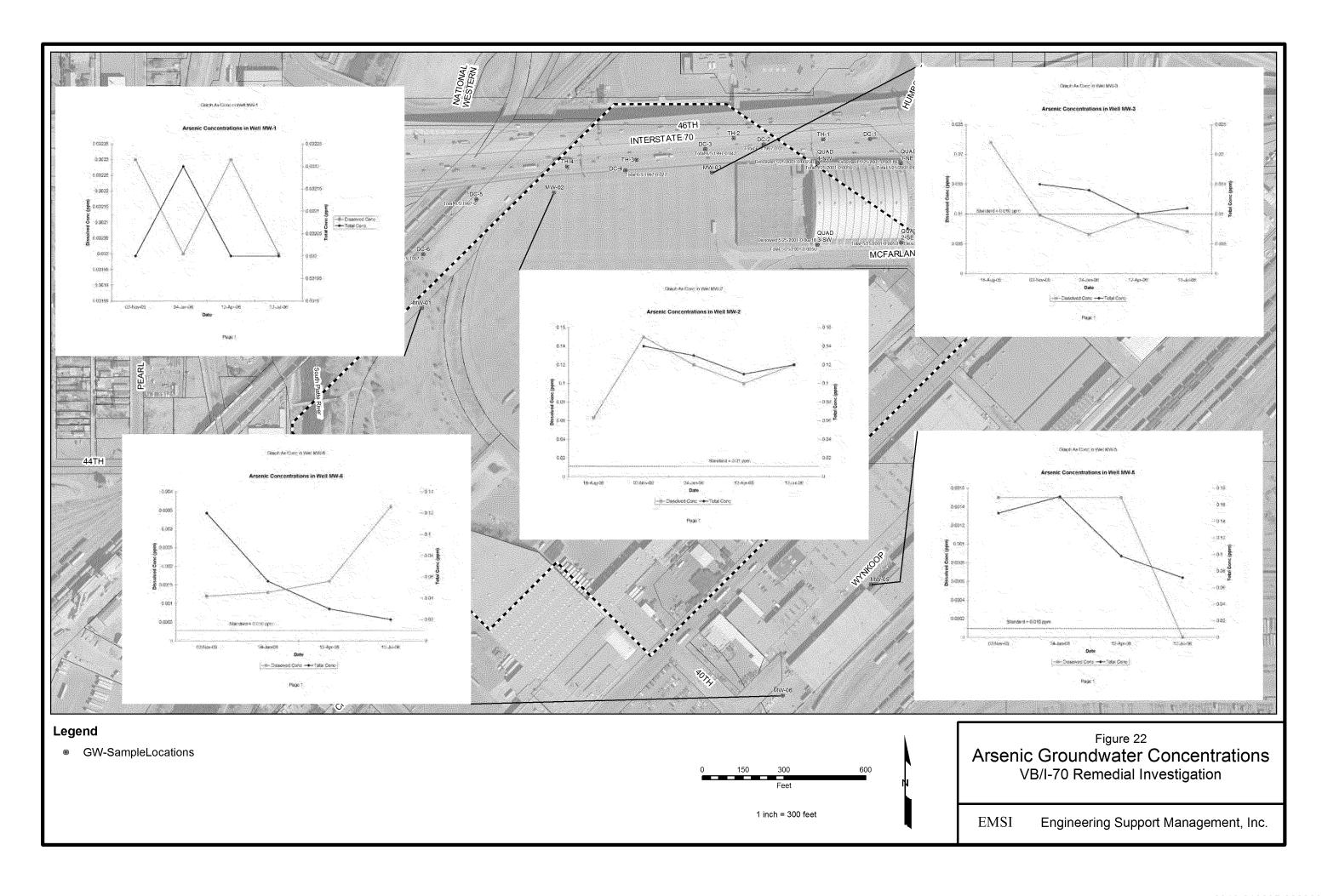
ND-NONE DETECTED

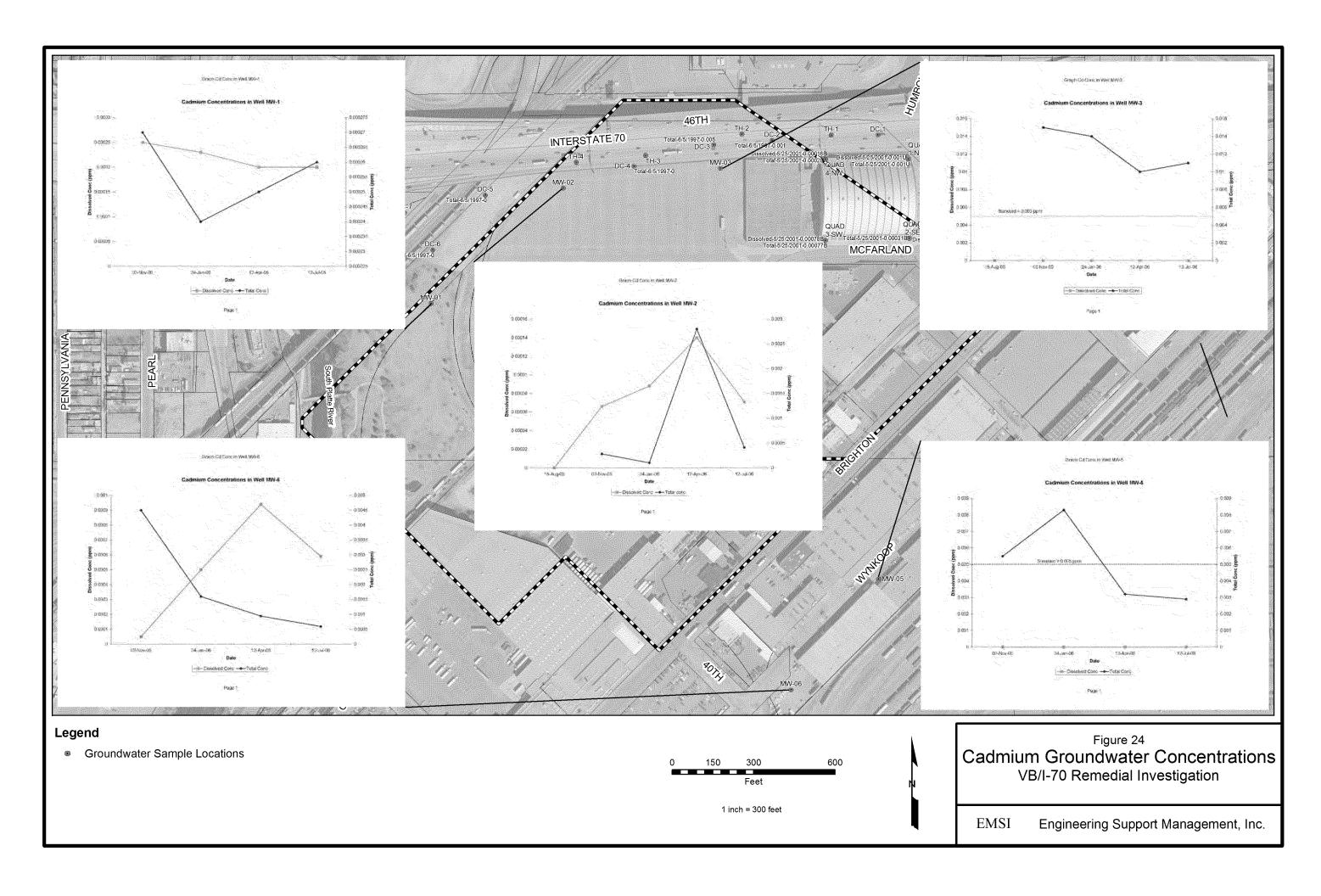


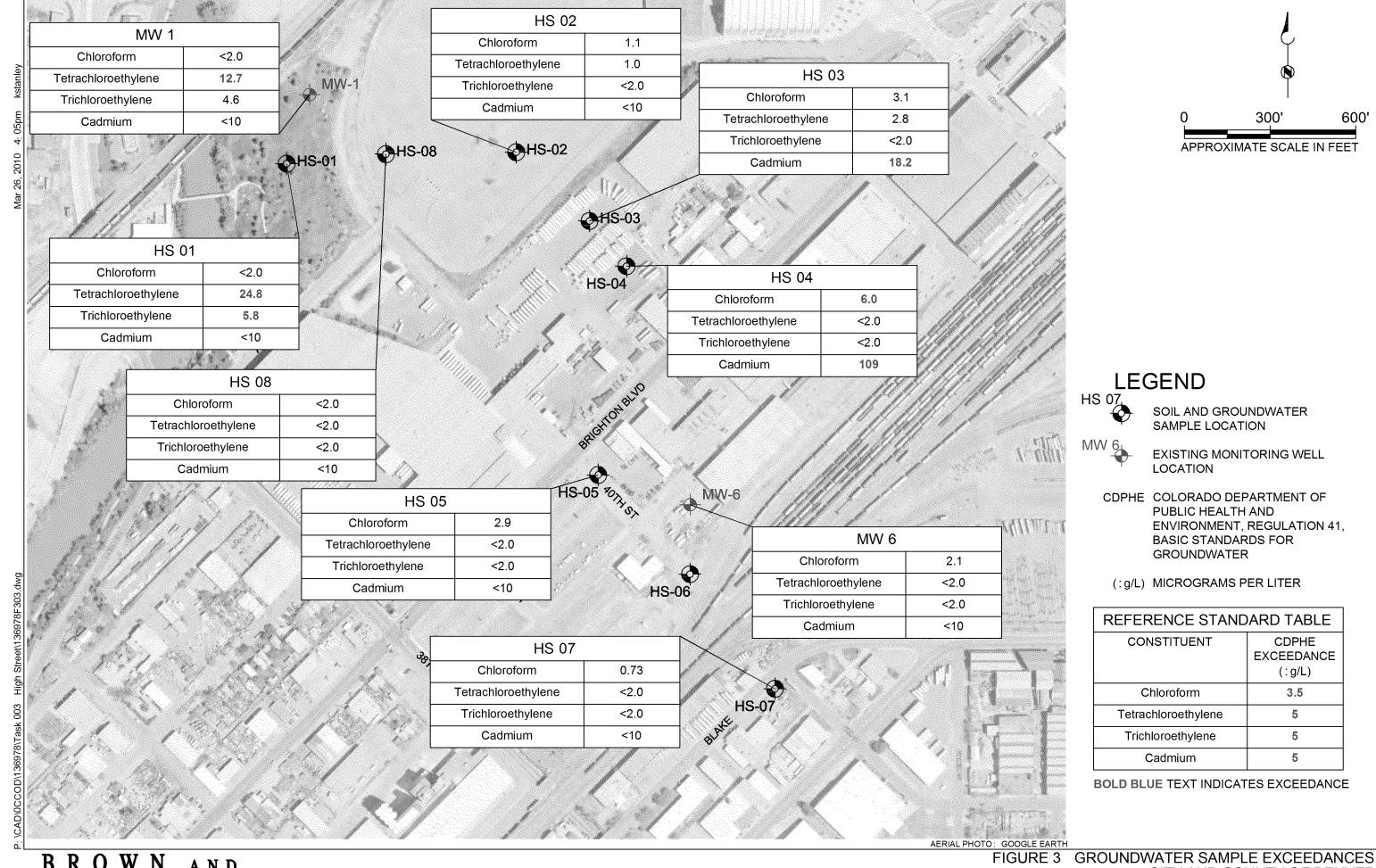
Asbestos Sample Results

Flg. 6

GROUNDWATER





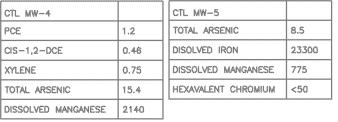


BROWN AND
CITY AND COUNTY OF DENVER
HIGH STREET STORM DRAINAGE PROJECT



CTL MW-1			CTL MW-2	
CHLOROFORM	4.1		CHLOROFORM	1.1
PCE	1.1		XYLENE	0.61
XYLENE	0.99		TOTAL ARSENIC	22.1
TOTAL ARSENIC	18.2	ľ		

	CTL MW-3	
	CHLOROFORM	2.6
	XYLENE	0.73
	TOTAL ARSENIC	32.7
	DISSOLVED CADMIUM	264
	DISSOLVED MANGANESE	92.7



CTL MW-6	
PCE	26.3
CIS-1,2-DCE	0.39
TCE	10.0
XELENE	0.71
TOTAL ARSENIC	57.3
DISSOLVED IRON	1000
DISSOLVED MANGANESE	3320

	·	
HS-01		HS-02
CHLOROFORM	<2.0	CHLOROFORM 1.1
TETRACHLOROETHYLENE	24.8	TETRACHLOROETHYLENE 1.0
TRICHLOROETHYLENE	5.8	TRICHLOROETHYLENE <2.0
CADMIUM	<10	CADMIUM <10
	l	

1	[
HS-03	
CHLOROFORM	3.1
TETRACHLOROETHYLENE	2.8
TRICHLOROETHYLENE	<2.0
CADMIUM	18.2

NAPHTHALENE

1.2

	HS-04			HS-05	
	CHLOROFORM	6.0		CHLOROFORM	2.9
	TETRACHLOROETHYLENE	<2.0		TETRACHLOROETHYLENE	<2.0
	TRICHLOROETHYLENE	<2.0		TRICHLOROETHYLENE	<2.0
	CADMIUM	109		CADMIUM	<10

HS-07	
CHLOROFORM	0.73
TETRACHLOROETHYLENE	<2.0
TRICHLOROETHYLENE	<2.0
CADMIUM	<10

HS-08		MW-1	
CHLOROFORM	<2.0	CHLOROFORM	<2.0
TETRACHLOROETHYLENE	<2.0	TETRACHLOROETHYLENE	12.7
TRICHLOROETHYLENE	<2.0	TRICHLOROETHYLENE	4.6
CADMIUM	<10	CADMIUM	<10

MW-6		
CHLOROFORM	2.1	Q
TETRACHLOROETHYLENE	<2.0	
TRICHLOROETHYLENE	<2.0	
CADMIUM	<10	1

LEGEND:

HS-01 SOIL AND GROUNDWATER
O SAMPLE LOCATION
INSTALLED BY BROWN AND
CALDWELL 2010

MW−1 SOIL AND GROUNDWATER

SAMPLE LOCATION INSTALLED

AS PART OF VB/I−70 OU2

ASSESSMENTS

MW-1 CTL MONITORING WELL LOCATION

5170 EXISTING GROUND SURFACE ELEVATION (FEET)

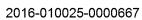
NOTES:

RESULTS PROVIDED IN MICROGRAMS/LITERS
(ug/L)
PCE-TETRACHLOROETHENE
TCE-TRICHLOROETHENE
CIS-1,2-DCE-CIS-1,2, DICHLOROETHENE
TOTAL-METAL RESULTS PROVIDED BY
200.8 ANALYSIS

DISOLVED-METAL RESULTS PROVIDED BY 200.7 ANALYSIS

(SAMPLES LAB FILTERED PRIOR TO ANALYSIS)

Summary of Ground Water Results

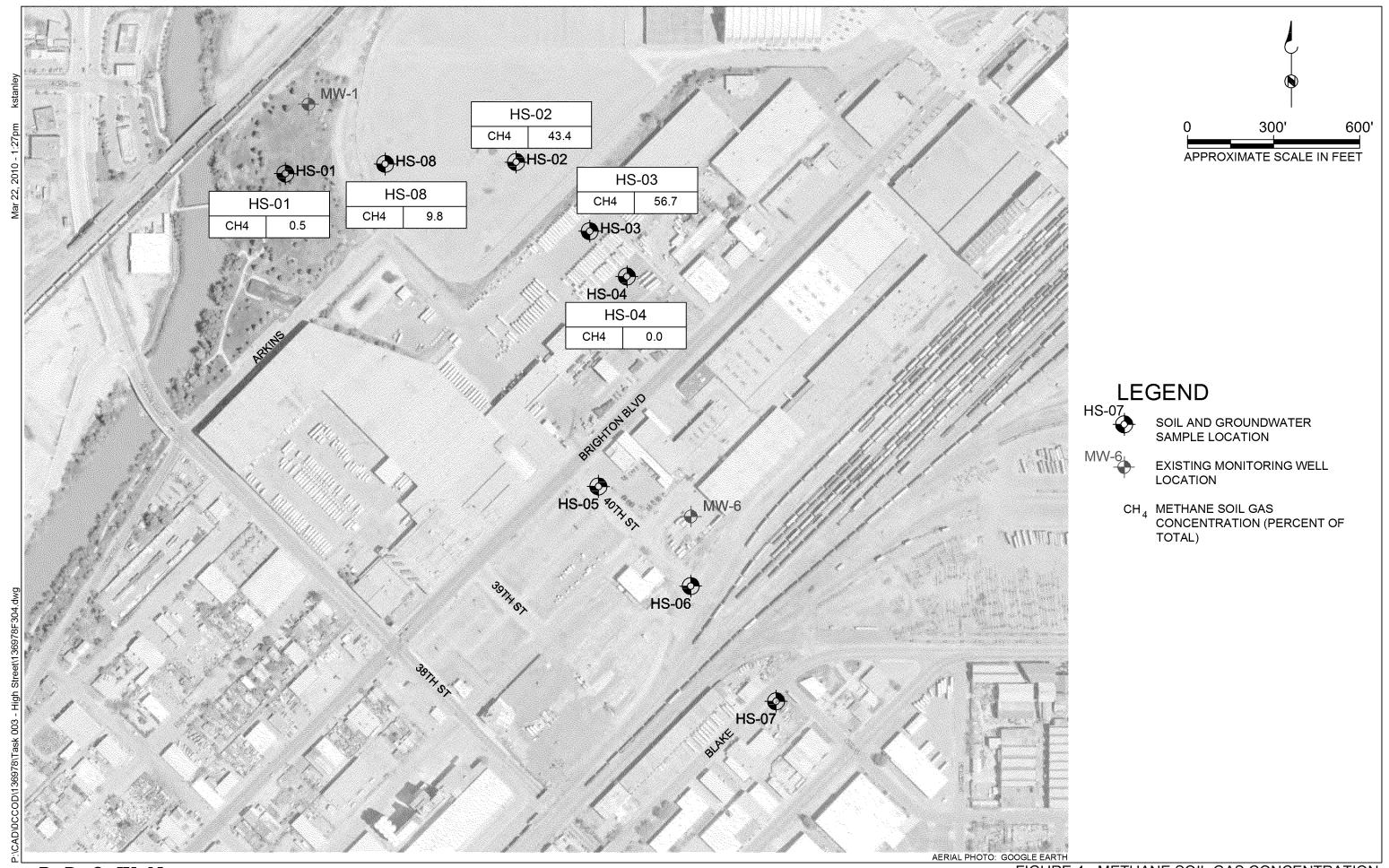


SCALE: 1" = 300'





SOIL GAS



B R O W N AND C A L D W E L L

FIGURE 4 - METHANE SOIL GAS CONCENTRATION CITY AND COUNTY OF DENVER HIGH STREET STORM DRAINAGE PROJECT